

El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE

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SAN LUIS OBISPO, CALIF.

FRIDAY, JULY 24, 1953

Graduate Lauds Methods Of Education; Company Owner

A man who built the beginning of a giant business while watering lawns and trimming shrubbery as an ornamental horticulture major at Cal Poly 15 years ago has come back—looking for assistance.

He is Wilbur C. "Will" Kinney, president of an agricultural supply firm (Portable Aluminum Irrigation company) at Vista, Calif., which claims itself to be the "largest manufacturer and distributor of irrigation equipment in the world."

At the basis of the business is an irrigation fitting, extremely simple and light in weight. He started perfecting it while a learn-by-doing student on Cal Poly's campus and has been allowed 18 patent claims on that single fitting, alone. His operations have expanded to such an extent that he is now searching for some younger products of Cal Poly's program to weave into the business.

"Most of mankind's progress has been built on a fellow wanting to do a hard job easier," he told former instructors on his visit to the college. "I got awfully tired of lugging that heavy irrigation equipment around. It started me thinking. The result irrigation equipment that my eight-year-old daughter can use easily."

Graduated in 1938, Kinney went to work for Ruddy Ryan, agricultural commissioner for Los Angeles county. He did standardizing work and research in entomology and plant disease. In 1941 he took a job with American Fruit Growers, then became agricultural technician for a large produce firm in Los Angeles. After that, he farmed for himself in Southern

California and in Old Mexico, perfecting his invention and accumulating the resources that enabled him to establish his company.

Rapid Growth
Kinney attributes the rapid growth of his firm to two things. One is the labor-saving features of his invention. The other is the fact that he's involved with agriculture's watering problems.

"Here in California, especially," he says, "a large share of our land is either made or ruined by irrigation. More and more of the land that is being reclaimed throughout the world depends on irrigation. As rapidly as it's come along already, irrigation under modern methods and practices has dampened its potential surface."

He sees the need for making the most use of available water supplies one of the foremost modern-day agricultural problems.

And he also has a soft spot in his heart for Cal Poly's learn-by-doing approach to college training.

"Most of our practical thinking actually is the result of some kind of doing," he says. "You seldom really see problems unless they trip you up. If I had been learning with books and filmstrips and other similar accessories without having to get out and do the work they told me about, I probably never would have started my fitting's development."

Physical Exam Is Part Of Student Entrance Red Tape

Hold your breath, look up, bend over, say ahh, were ominous sounds emitted today from the health center as new students received their pre-September physical examinations.

Dean Everett Chandler reported that a staff of 18 will handle the medical examinations. This method will ease some of the new students' registration problems by saving them time and effort.

This early examination will reduce the usual peak load that arrives in September.

The program was carried out quite effectively last year, says Chandler, with over 800 students taking the early examination. Dean Chandler and the health center is hoping to examine a record amount of 600 students before the September registration.

ROTC 'Campment Draws Inspection By College Heads

Cal Poly's President Julian McPhee, together with the heads of colleges and universities of eight western states, is today reviewing the ROTC units of this western area, at the summer encampment at Ft. Lewis, Wash., as a guest of the US Sixth Army. They have been invited to see what the army has done to polish the campus rookies into officer material.

The Sixth Army area includes the states from Arizona to Montana, westward. The guests will view practical field demonstrations and tactical maneuvers staged over the vast area of Ft. Lewis.

Three Cal Poly ROTC staff members are there serving as instructors in weapons, according to Capt. H. H. Braunstein. Named were Capt. Geo. W. Thoenke, Sfc. William Neff and Sfc. Thomas Burke.

Final Issue

This will be the last issue of El Mustang this summer, with the exception of a special freshman edition coming out late in August, says Ken Kitch, El Mustang summer adviser.

Tentative plans for the special edition call for it being mailed to all new students late in August with copies ready for old student distribution when they return in September.

The edition is being worked up in cooperation with Orientation leaders to acquaint new students and their parents and friends with Cal Poly.

Swimming Classes Held

Cal Poly students' and employees' children may take advantage of intermediate swimming classes presented by the physical education department during the week.

Classes, held Tuesday, Thursday, and Saturday of each week, from 10:30 a.m. to 12 noon, are open to children whose parents are connected with the campus at the present time.

Swimming cards are required of all participants and may be obtained at the physical education office in the basement of the gymnasium any time up to 11 a.m. during the week.

Tests This Morning

New-student placement tests for the second six weeks current summer quarter at Cal Poly will start at the counseling center at 8 a.m. this morning. Admissions Officer C. Paul Winner announces.

New students will complete registration Mon., July 27, at which time present and former students also will register. Classes will start for all students on Tues., July 28 with the quarter ending on Sept. 4.

The present four-week session of the summer quarter ends tomorrow.

Leaves Of Absence Taken By Trio Of Poly Teachers

Students Register Early Monday For Six-Week Session

Procedure for registering in the six-week summer school session was re-emphasized this morning by Leo Philbin, registrar. Scheduled to start at 8 a.m., Mon., July 27, registration will be held in CR 12. Old students should line up at the east door, Philbin says.

Permit to register cards will be issued and fees will be taken. Students should follow this procedure:

- 1) Report to departmental advisor to plan schedule of courses.
- 2) Complete directory cards (two) and program card (one).
- 3) Have advisor sign program card.

Classes will begin on July 28. Registration sets must be turned in before noon on Sat., Aug. 1, with tables being set-up for that purpose in the basement of the Ad building, starting Thurs., July 30. A late registration fee of \$5 will be charged for return of registration cards after 12 noon, Sat., Aug. 1, Philbin continued.

Students must secure approval for sections in chemistry and physics. Approval may be sought in CR 7.

Mattson Describes Department Booth As Best This Year

"The best exhibit we've done this year," says acting ornamental horticulture department head Ed Mattson in describing the department's feature booth "The Gardner's Workshop" at the Santa Barbara county fair, now in progress at Santa Maria's fair grounds.

The booth, a project of Mattson's summer session OH graduate seminar, was designed and produced by two veteran flower show men, Charlie Mullin and Goro Fuji, Mullin, now a vocational agriculture instructor at San Lorenzo high school, judged many local shows while he was an OH undergraduate here.

Fuji, a graduate education major from Redley, headed the Poly Royal flower show for three years, judged at local fairs and was a specimen judge at the 1951 state fair.

Enclosed on three sides by a shoulder high basket weave fence, the booth features a small glasshouse filled with flowering pot plants. Framing the entire exhibit is a background of eucalyptus, jacaranda and aescia which gradually blends into a green, but colorful, low foreground of fuchsias, yellow lantanas and scheffera surrounding a small brick fore-court.

Seminar members assisting with the project, besides Mullin and Fuji, include: Don Griffith, graduate education major, San Marino; Dale West, graduate education (Continued on Page 4)

Show-String Will Not Take Part In Fairs This Year

This year there will be no dairy show-string to various county fairs and the state fair at Sacramento, advised George Drumm, head of the dairy department.

"Students usually exhibit every other year and this is the off-year. Even had we calls to do so we would be unable to comply because of the shortage of student help. There is a great deal of work involved in exhibitions," he said.

"Showing of Cal Poly dairy herd stock is for the purpose of making sales to give students judging experience; and to provide immediate comparisons with competing herds, as to quality, etc. Last year the dairy department had entries in seven exhibits in various fairs from Santa Maria to Sacramento."

Approval of three one-year faculty leaves of absence by the State Department of Education were announced this morning by Julian A. McPhee, Cal Poly's president. All involve instructors at Cal Poly's local campus, two from liberal arts, the other from the agriculture division.

Social Science [leaves]
A. Norman Cruikshank, head of the social science department and widely known West Coast speaker on international affairs, will study for his Ed.D. degree at Stanford university.

Specializing in the field of citizenship education, Cruikshank will have as graduate adviser Dr. I. Z. Quillen, recently appointed dean of Stanford's school of education.

Vance D. Lewis, physical science instructor, will work on his Ph.D. in education with a minor in physics at the University of Southern California.

Work On Master's
Howard C. Brown, instructor in the ornamental horticulture department, will work toward his master's degree in ornamental horticulture at Ohio State university. Brown has been in charge of the annual California Association of Nurserymen short courses held during the spring on the campus. With the absence of Cruikshank, Ralph W. Dilts, member of the faculty since 1941, will be acting-head of the social science department.

PL 550 Vouchers Must Be Signed By Leaving Veterans

According to Registrar Leo Philbin, "Students registering under Public Law 550 for the four-week summer term only, should file their attendance vouchers prior to the time they leave the campus."

"The dates to be included on the attendance vouchers for old students would be, June 29 through July 25; and for new students, June 26 through July 25," Philbin said.

"PL 550 students who continue in attendance for the six-week term should file their vouchers the first of August. These will have the inclusive dates of June 26 or 29, through July 31," Philbin concluded.

Veteran's Officer On Campus Aug. 7

J. G. O'Brien, Los Angeles, representative for the state department of Veterans Affairs will be on campus Fri., Aug. 7 at 9 a.m. to take care of all problems that may arise for the second summer term enrollment. Leo Philbin, registrar, announced today.

Representative O'Brien will be glad to answer any questions you may have or to interview interested persons, Philbin concluded.

New Blackboard Is Boon To Teaching; Find Brought Here

Newest development in classroom equipment at Cal Poly is a flexible blackboard.

Discovered in use at Cornell University, Ithaca, N. Y., when crops department head Paul Dougherty made a recent field trip to the East, a 50-foot roll of the new type blackboard was ordered, arrived this week, and has been divided for experimental purposes among the crops, physics and mathematics departments.

The blackboard was developed at Cornell so that instructors could write on it, roll it up and transport it easily. Mounted on light wooden strips, top and bottom, it hangs from a nail or hook like a map or chart.

"Greatest advantage yielded by flexible blackboard," explains Dougherty, "is that an instructor can put examination questions on the board in the privacy of his office or take a blackboard with him to the library for the copying of reference material, then transport it to the laboratory or lecture and have his data all ready for use."



Heads Supply Firm . . . Former Cal Poly student Wilbur C. "Will" Kinney, president of an agricultural supply firm (Portable Aluminum Irrigation company) at Vista, cheerfully hands over his Cal Poly Alumni association dues to John E. Jones, Cal Poly, state secretary, and at the same time holds on to the latest issue of Green and Gold, alumni magazine. Copies of the Polygon (engineering issue) may be obtained in the Dean of Engineering Harold Hayes' office.

(Photo by James Dearing)

Assemblymen Visit To Study Campus Building Program

Of importance toward furthering the master building plan of Cal Poly campus was the visit this week of representatives of the Agricultural Interim committee of the California State Assembly.

All major and minor building projects must be approved by the AI committee in order to make available funds already allocated.

Conducted by McPhee
The representatives were conducted on their duty tour by President Julian McPhee and Executive Dean Harold O. Wilson. (Continued on page 4)

'Stay Awhile' Theme

"I'd rather stay awhile longer" could be a familiar restraint heard in the health center since the addition of new air foam mattresses for all of the ward beds.

Added comfort that air foams provide far surpasses the older style of mattresses with humps and bumps, say health center officials.

Cal Poly ROTC will offer the first year of advanced course ROTC beginning in September, officials announced today.

If interested please contact the Admissions office. Advanced training carries with it additional pay. Veterans of the armed services and transfer students with previous ROTC training are eligible.

Poly Poets

In my youth Ain't was consid-
ered wrong
When used in sentences, even
song
But now on radio, stage or
screen
This horrid word has come to
mean—
Acceptance by our younger folk
Though parents think it not
a joke.
One age group's bound to change
another—
Which one, you guess, for me
I shudder

—Richard T. Crosby
Groundsman

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Project Started . . . What not long ago was "just a plan" is now a reality in the mountain dormitory area. Student crews are, this summer, transforming the barren areas into spots of beauty by applying landscaping techniques. Already numerous trees, ornamental shrubs and ground covers have been planted.

Hitch and Hatch While Young Says Homemaker Ellen Terry

By Curt Grolla
Staff Writer

Who knows, that little high school senior back home whom you intend to marry on your graduation from Cal Poly may, even now, be acquiring her domestic efficiency indirectly through Miss Ellen Terry, a little-known but tremendously influential campus personality.

Miss Terry, room 170, Ad bldg., is regional supervisor of the Bureau of homemaking, state department of education.

She is in favor of young married couples having babies early in their married careers. "Young families are a healthy sign," she said, "refuting a recent trend to wait until the family income was sufficient to 'afford' an increase in membership. "However," she continued, "their very youth and inexperience brings them into the classes for parent education sponsored by the bureau."

Covers Wide Area
From her campus address Miss Terry covers her regional area of approximately 40 towns, from Oxnard in the south to Palo Alto in the north, traveling about 8,000 miles per year. She assists high school teachers, mainly in planning their home economics curricula.

Miss Terry stated, "The scope of home economics is varied and flexible in application to individual needs. It ranges from everyday

psychology to down-to-earth practices, such as converting orange and apple crates into tastefully-decorated, useful furniture, under the home furnishing and equipment training phases of education.

Many Duties, Titles
"An incomplete list of other training areas," she said, "would include family relationships, home management and budgeting, foods and nutrition, housing, clothing, and textiles, family health and child development." She is also director of parent education and home safety director, whereof more is to be said.

More Training Needed
Miss Terry explained that 1,000 home seekers daily enter California and they have increased the need and demand for varied training to meet the adjustments of change—and those ever present problems in our complex, mechanized civilization. More than a dozen additional domestic science structures throughout the state are contemplated. Her knowledge in planning efficient arrangements of home economics classrooms has saved the state thousands of dollars.

Miss Terry, who is a graduate of the University of Illinois, has been on the campus at Cal Poly for four years. Her childhood home, still presided over by her mother, is in Centralia, Ill. There she vacations yearly and visits her mother, two

Burlingham Serves On Workshop Staff Leading Sessions

H. H. Burlingham, agricultural teacher-trainer at Cal Poly and for many years a widely-known ag education figure on the west coast, today had accepted an invitation to serve as conference leader at the Nevada Agricultural Education workshop, Aug. 24 to 28, in Boulder City.

He will lead sessions emphasizing "Teaching Organization and Use of Teacher Time," a field in which he has worked with numerous California teacher groups.

A graduate of Oregon State college with graduate work at the University of California, Burlingham was an executive student with Swift and Company, then became director of agriculture at Willits Junior-Senior high school.

Later, he was director of agriculture and critic teacher at Madera union high school, then had the same capacity at Paso Robles union high, and left there to become regional supervisor for the state bureau of agricultural education. He came to Cal Poly in 1948.

sisters and two brothers. No doubt, that for those two or three weeks she can practice what she preaches most of the year, under the critical observation of her kinsfolk.

However, there may have been an added urgency in her recent hasty departure for Centralia. Her mother had just written that she had been in a plaster cast for several weeks, occasioned by an accident in her home. As home safety director, Miss Terry may have some tall explaining to do about hazards overlooked in her own home.

Patronize Our Advertisers

What The Faculty Is Doing

Harold Hayes, dean of engineering, is visiting his relatives at Schenectady, N.Y., and plans to return via Detroit and pick up a brand new car at the factory — make unknown.

Dean Ward Shepard of agriculture and Gene Brendlin, foundation manager, were judges at the Santa Barbara County fair this week—Shepard of best cattle and Brendlin of vegetables.

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**Mattson Describes
Department Booth**

(Continued from Page 1)
major, Ponca City, Okla.; James
McGrath, Cal Poly air condition-
ing and refrigeration instructor;

and the following vocational ag-
riculture instructors: Paul Grace,
North Hollywood high school; Ed
Schmidt, Moorpark high school;
Pete De Turk, Citrus high school;
Dara Emery, San Fernando junior
high school; and Harold Peck, Mt.
San Antonio junior college.

**Assemblymen Visit;
Study Building Program**

(Continued from Page 1)
rent priority projects visited were
the site of a new well for the
deciduous fruit orchard; new cor-
rals and water lines for the feed
lots; current fence replacement
sections; an irrigation system for
the west section of the farm; and
the new ornamental horticulture
site.

An amount of \$90,000 has been
allocated for the new OH unit and
grading has already begun. The

present glass houses will be moved
to the new site. The old head
house will be torn down. Disposal
of the lath houses and the present
class rooms is uncertain.

A preliminary survey of pro-
posed 1954-55 priorities was also
made. The Cheda ranch was

visited to view the sites of the
proposed calf sheds and a silo;
and a reservoir site on the Serrano
ranch was viewed and the con-
struction plans checked.

The findings of the AI commit-
tee will be carried back to Sacra-
mento for approval.

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